<u>**Amendments to the Claims:**</u>

The listing of claims will replace all prior versions, and listing, of claims in the application:

<u>**Listing of Claims:**</u>

1. (Currently Amended)   A system of data management for a plurality of correlated data records, comprising:

a data verification module, verifying the data records according to the data correlations and producing a plurality of verification results, each of ~~which~~ <u>the verification results</u> corresponds to ~~a data record~~ <u>one of the data records</u>;

a data notation module, coupled to the data verification module, noting the verification results in the corresponding data records; and

a data management module, coupled to the data notation module, managing the data records according to the verification results<u>,</u>

<u>wherein each of the verification results includes one of valid and invalid, each of the verification result includes valid for the corresponding data record when the corresponding data record can be applied to a data application module and each of the verification result includes invalid for the corresponding data record when the corresponding data record can not be applied to the data application module.</u>

2. (Currently Amended)   The system as claimed in claim 1, further comprising ~~at least one~~ <u>the</u> data application module, coupled to the data verification module and the data notation module, applying the data records <u>whose verification results include valid</u>.

3. (Original)   The system as claimed in claim 2, wherein the data correlations are established according to correlations between the data records applied to the data application modules.

4. (Original)   The system as claimed in claim 3, wherein the data correlations are sequential.

5. (Original)   The system as claimed in claim 3, wherein the data correlations are parallel only.

6. (Original)   The system as claimed in claim 3, wherein the data correlations are both sequential and parallel.

7. (Currently Amended)   The system as claimed in claim 1, wherein ~~each data record~~ each of the data records has a data record owner.

8. (Original)   The system as claimed in claim 7, wherein data management is enabled by the data management module sending the verification results to the data record owners.

9. (Original)   The system as claimed in claim 7, wherein data management is enabled by the data management module deleting the data records.

10.   (Original)   The system as claimed in claim 1, wherein the data records are stored in at least one database.

11.   (Currently Amended)   A method of data management for a plurality of correlated data records, comprising:

verifying the data records according to the data correlations and producing a plurality of verification results, each of ~~which~~ the verification results corresponds to ~~a data record~~ one of the data records;

noting the verification results in the corresponding data records; and

managing the data records according to the verification results,

wherein each of the verification results includes one of valid and invalid, each of the verification result includes valid for the corresponding data record when the corresponding data record can be applied to a data application module and each of the verification result includes invalid for the corresponding data record when the corresponding data record can not be applied to the data application module.

12.   (Currently Amended)   The method as claimed in claim 11, further comprising applying the data records whose verification results include valid to ~~at least one~~ the data application module.

13.   (Original)   The method as claimed in claim 12, wherein the data correlations are established according to correlations between the data records applied by the data application modules.

14.   (Original)   The method as claimed in claim 13, wherein the data correlations are sequential only.

15.   (Original)   The method as claimed in claim 13, wherein the data correlations are parallel only.

16.   (Original)   The method as claimed in claim 13, wherein the data correlations are both sequential and parallel.

17.   (Currently Amended)   The method as claimed in claim 11, wherein ~~each data record~~ each of the data records has a data record owner.

18.   (Original)   The method as claimed in claim 17, wherein data management is enabled by the data management module sending the verification results to the data record owners.

19.   (Original)   The method as claimed in claim 17, wherein data management is enabled by the data management module deleting the data records.

20.   (Original)   The method as claimed in claim 11, wherein the data records are stored in at least one database.

21.   (Currently Amended)   A database, comprising:

a data storage module, storing a plurality of correlated data records, and

a data operation module, coupled to the data storage module, operating the data records,
and further comprising:

a data verification module, verifying the data records according to the data correlations
and producing a plurality of verification results, each of the verification results
corresponds to one of the data records;

a data notation module, coupled to the data verification module, noting the verification
results in the corresponding data records; and

a data management module, coupled to the data notation module, managing the data
records according to the verification results,

wherein each of the verification results includes one of valid and invalid, each of the
verification result includes valid for the corresponding data record when the
corresponding data record can be applied to a data application module and each
of the verification result includes invalid for the corresponding data record when
the corresponding data record can not be applied to the data application module.

22.   (Cancelled)

23.   (Currently Amended)   The database as claimed in claim 2221, wherein the data
management module further comprises at least one the data application module, coupled to the
data verification module and the data notation module, and applying the data records whose
verification results include valid.

6

24.   (Currently Amended)   The database as claimed in claim ~~22~~21, wherein the data correlations are established according to correlations between the data records applied to the data application modules.

25.   (Original)   The database as claimed in claim 24, wherein the data correlations are sequential only.

26.   (Original)   The database as claimed in claim 24, wherein the data correlations are parallel only.

27.   (Original)   The database as claimed in claim 24, wherein the data correlations are both sequential and parallel.

28.   (Currently Amended)   The database as claimed in claim ~~22~~21, wherein ~~each data record~~ each of the data records has a data record owner.

29.   (Original)   The database as claimed in claim 28, wherein data management is enabled by the data management module sending the verification results to the data record owners.

30.   (Original)   The database as claimed in claim 28, wherein data management is enabled by the data management module deleting the data records.